

2N gateways product development





2N[®] BRI gateways



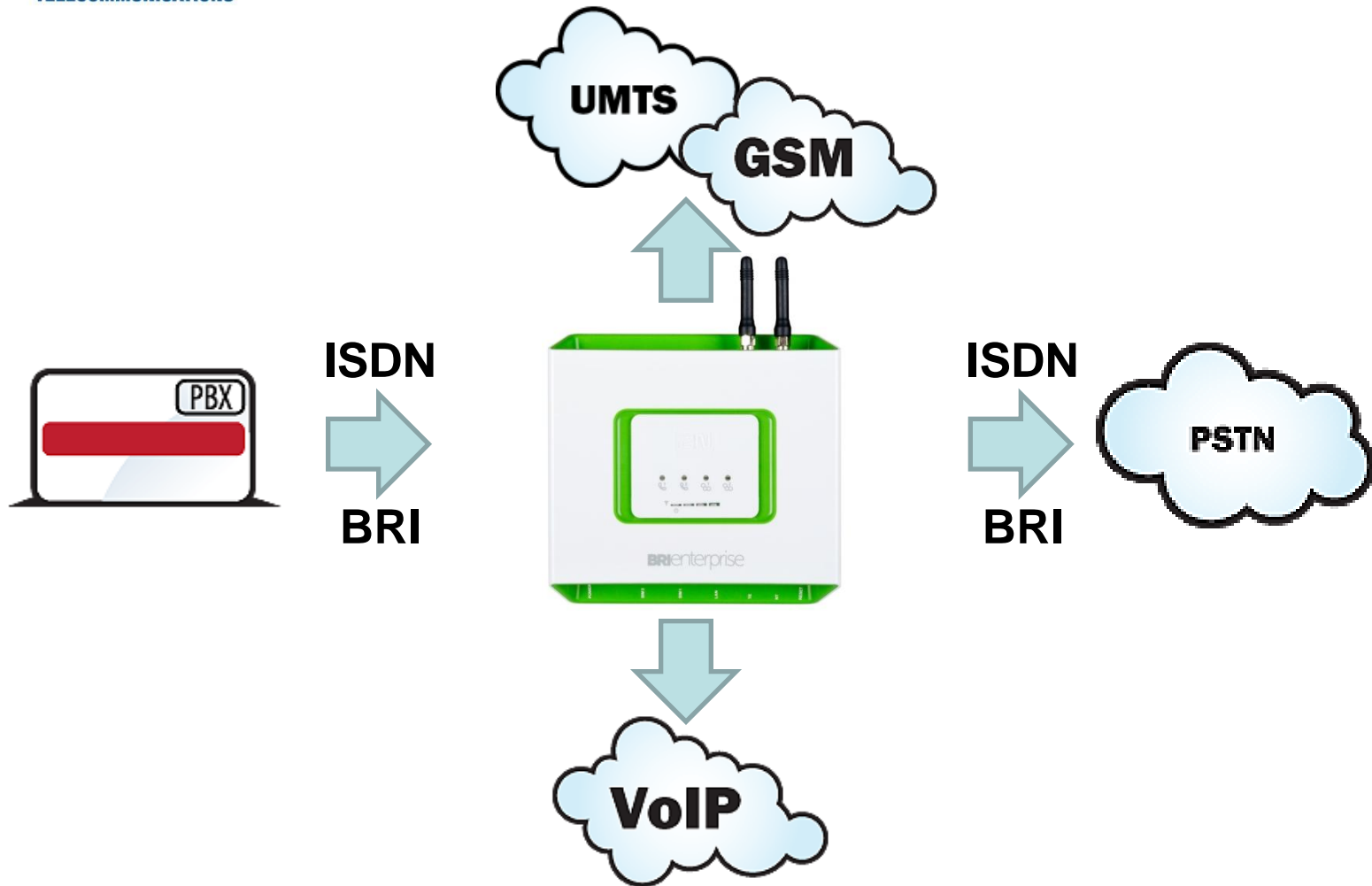
2N[®] BRI gateways

- 2N[®] BRI Lite
 - Use NT or TE port
- 2N[®] BRI Enterprise
 - Use NT and TE port in same time (gateway between PBX and PSTN)
- 2GSM or 2 GSM/UMTS channels
- ISDN (BRI, DSS1)
- VoIP (SIP, licensed)
- ISDN line monitoring



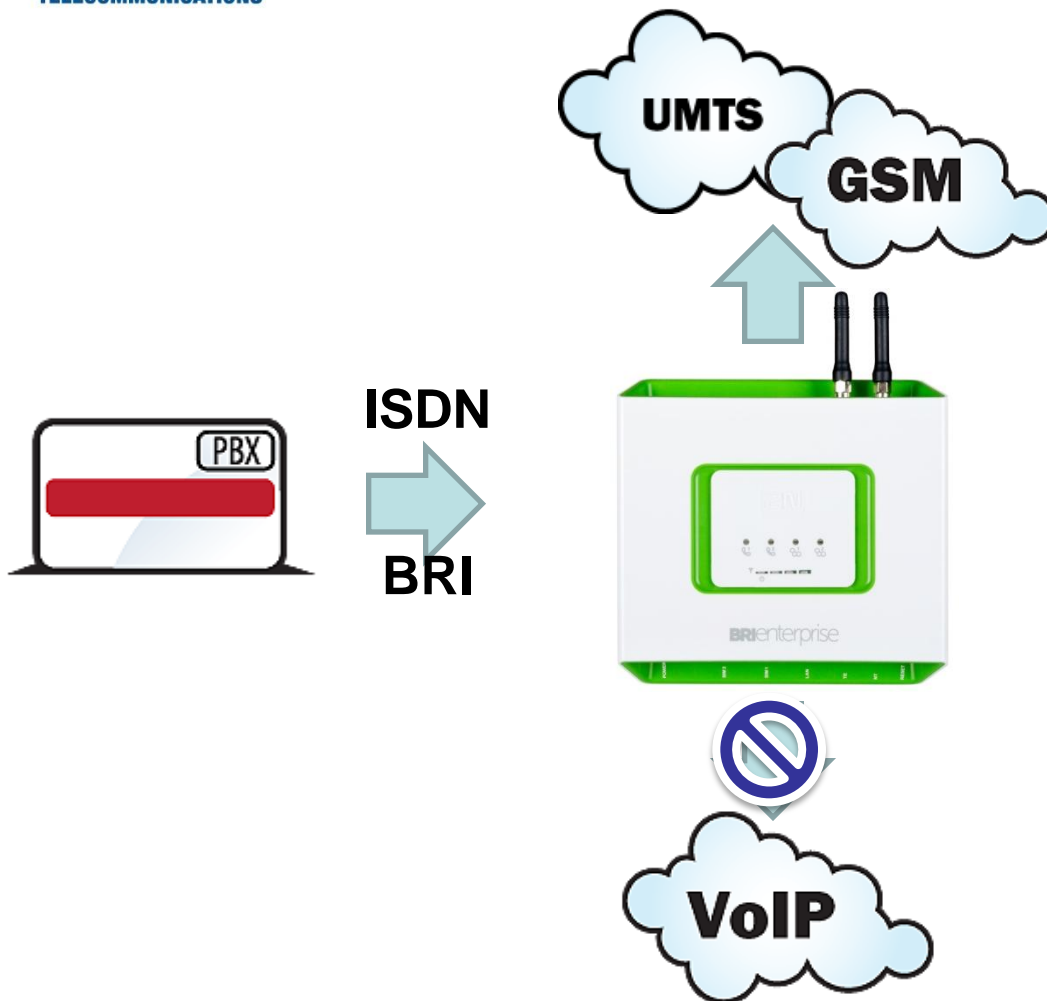


2N[®] BRI gateways LCR





2N[®] BRI gateways Back-Up

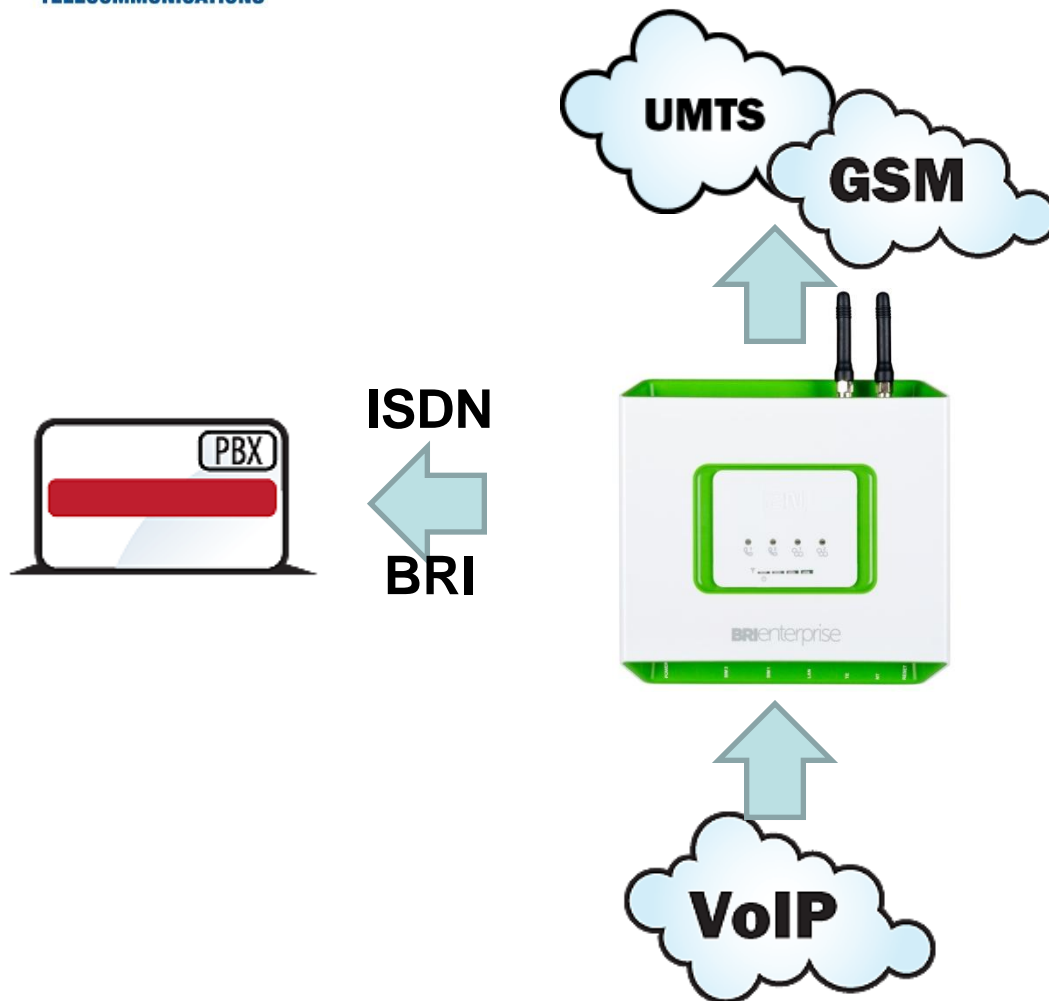


BRI gateway
provides VoIP
calls for PBX

If IP connection
fails, calls are
routed to
GSM/UMTS



2N[®] BRI gateways ME



BRI gateway
provides 2N[®]
Mobility
Extension

Call is routed to
desk phone and
mobile phone



2N[®] VoiceBlue MAX

Connecting analogue and VoIP world



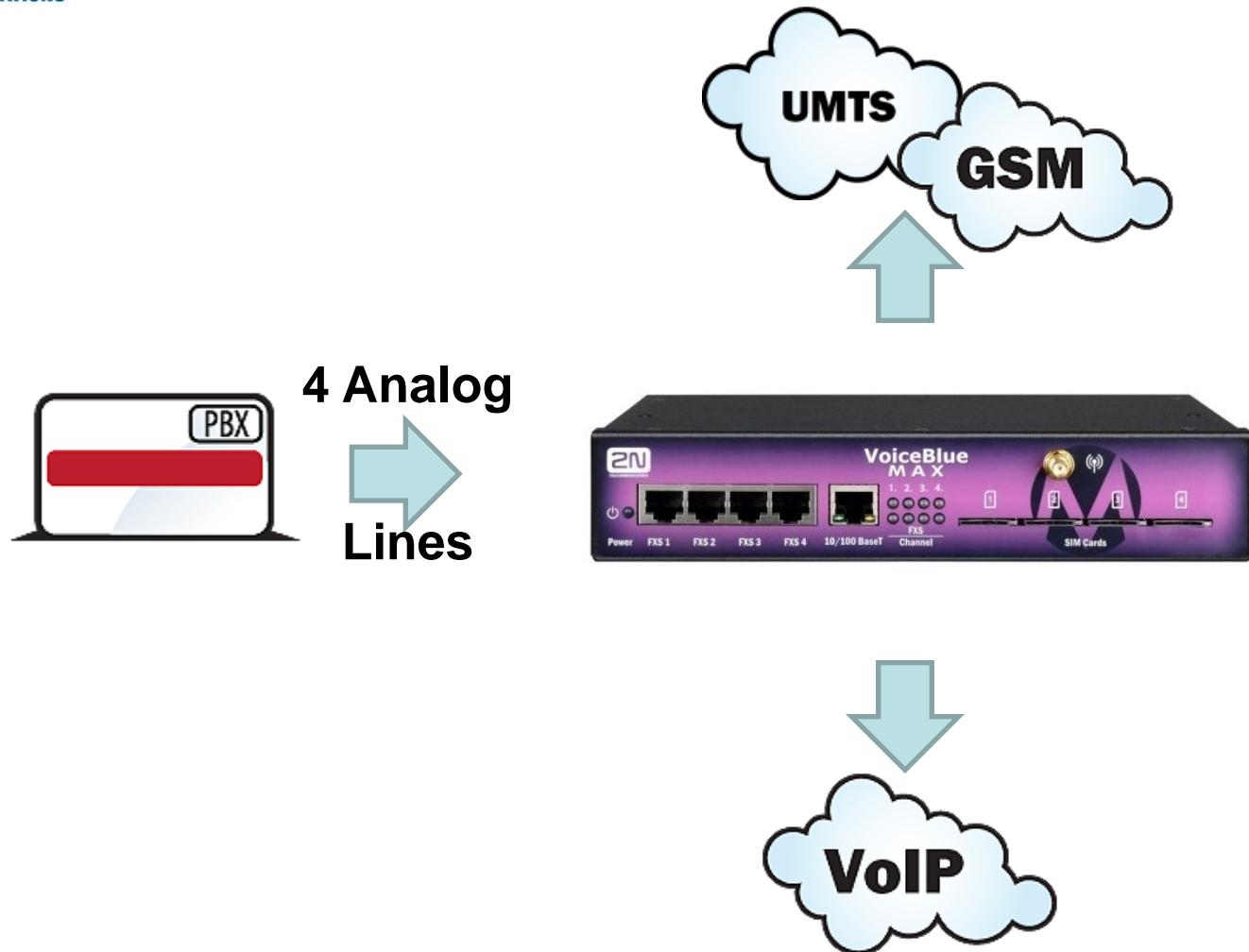
2N[®] VoiceBlue MAX

- 4 FXS ports to connect PBX or phones
- 4 GSM or GSM/UMTS channels
- 1 Ethernet port (VoIP, Configuration, SMS)
- Rack mountable, 1 antenna



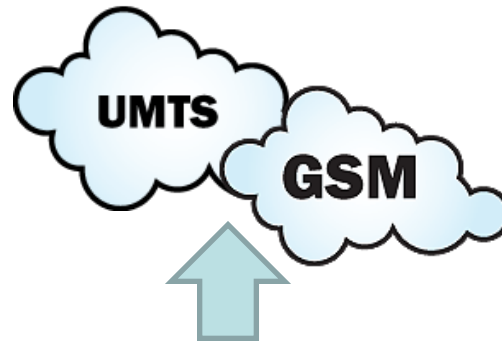


2N[®] VoiceBlue MAX LCR





2N[®] Voiceblue MAX Back-Up



VoiceBlue MAX
provides VoIP
calls for PBX



If IP connection
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GSM/UMTS



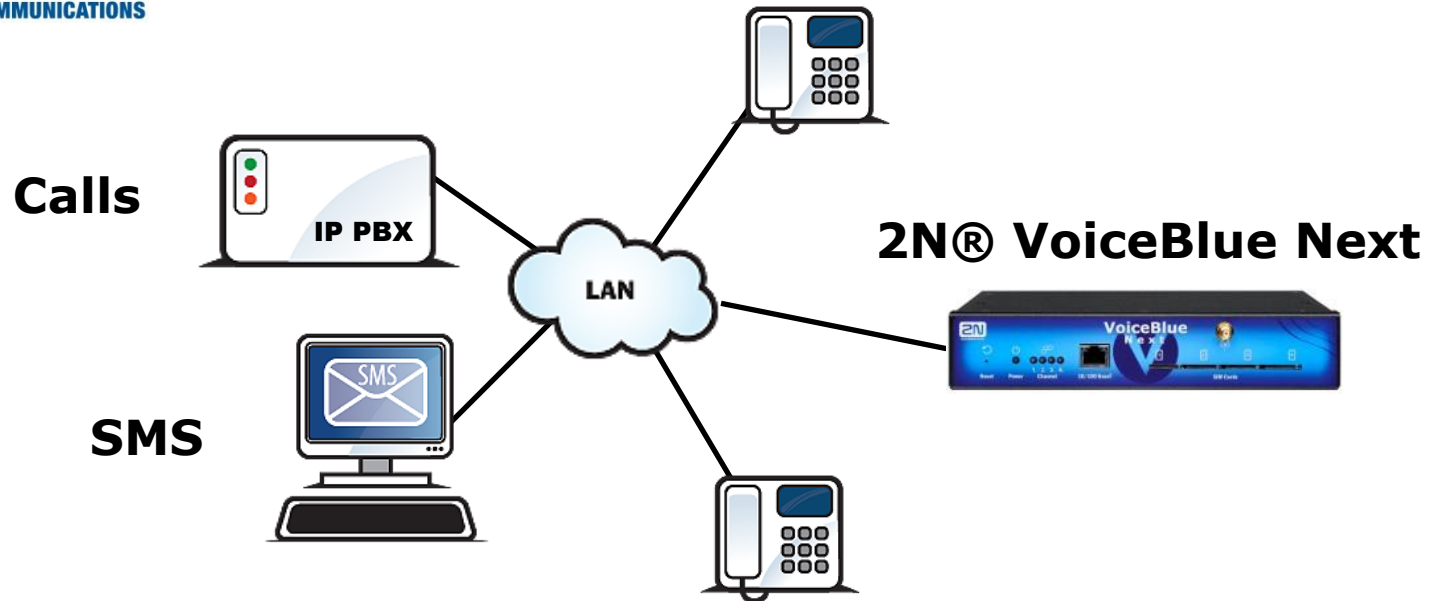


2N[®] VoiceBlue Next

The Ideal Complementary Product
to Any SIP Based IP PBX



VOIP Gateway for Calls & SMS





2N® VoiceBlue Next Versions

2 Channels



GSM Version



UMTS Version



4 Channels



GSM Version



UMTS Version





Rack Mountable



Connect Just One Cable (PoE Supported)
Or

Connect Also 12V Power Adapter

Connect Antenna & Insert Sims

**Web Based
Configuration**



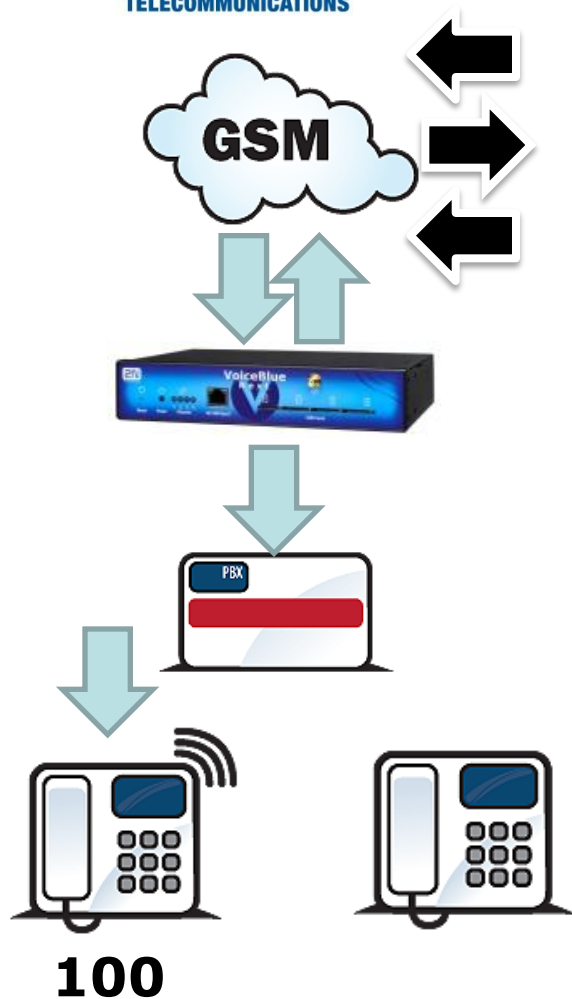


Technical Details

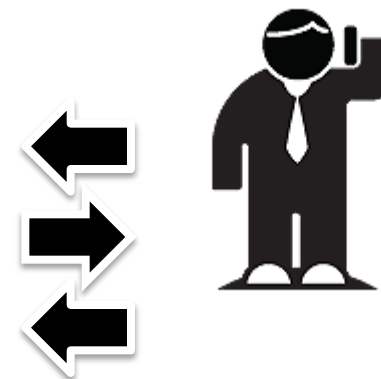
- VoIP protocol: SIP (TCP, UDP)
- Codecs: G711u, G711a, G729
- PoE: 802.3af
- DTMF: Inband, RFC 2833
- GSM Modules: Cinterion, Wavecom
- UMTS Module: Telit



Callback



Give a Ring to Gateway
Gateway Calls Back
Dial Extension, e.g. 100



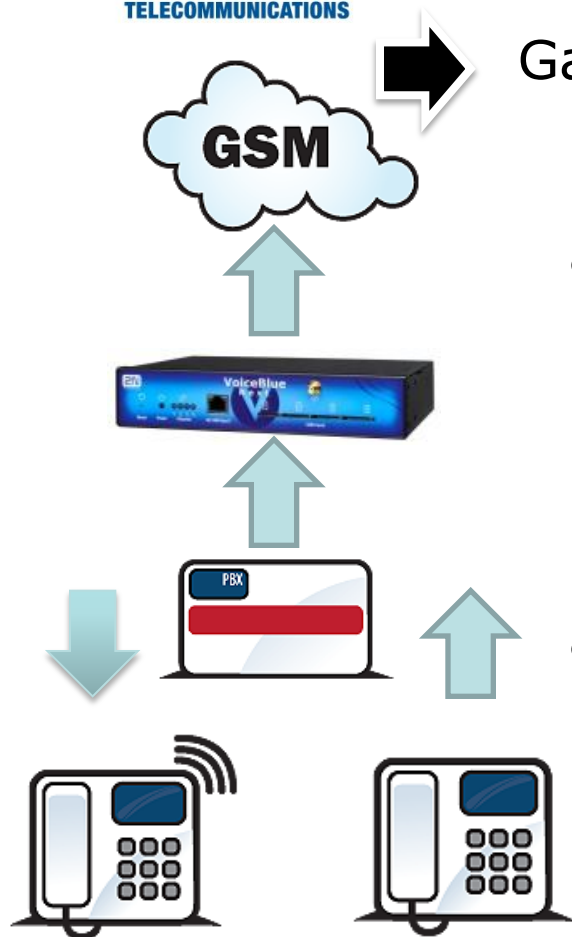
- Calling on Expense of Sim Card Inside Gateway

Call for Free in Your Country!

Pay for Incoming Roaming in Foreign Country!



Mobility Extension



Gateway Can Link your Cell Phone & Desk Phone



- Follow Me Everywhere
 - Answer on Desk Phone or on Cell Phone
 - Switch on/off from Cell Phone
 - Missed Call SMS with Caller Number
- Extension Features on Cell Phone
 - Call Hold
 - Call Transfer

Don't Miss a Call.



SMS sending

The screenshot shows the '2N VoiceBlue Next' web interface for sending SMS. The header includes the 2N logo and the text '2N VoiceBlue Next'. On the right, there is an 'SMS' icon and the text 'SMS'. The main content area is titled 'Send SMS' and contains the following fields and information:

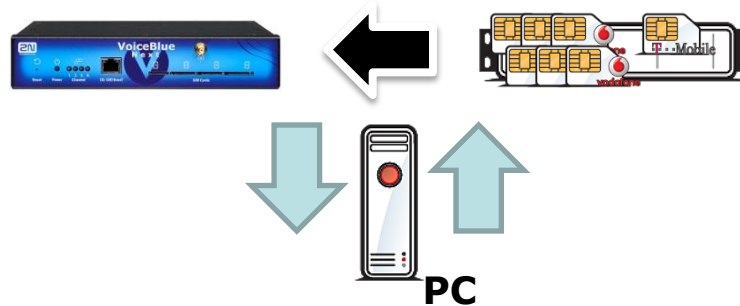
- Send SMS** (button)
- Inbox** (link)
- Readiness of modules:** 00 01
- Used module:** Module 0 (dropdown menu)
- Phone number:** 72417333
- Message:** Welcome SMS from 2N VoiceBlue Next
- Using 7-bit coded SMS**
- 34 out of 1520 characters used**
- Message will be divided into 1 SMS**

- Web Interface
- API to connect your application

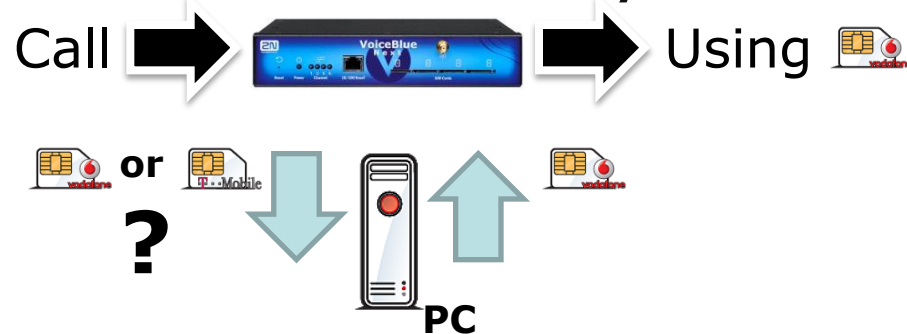


Gateway Add-ons

- Remote SIMs Support



- Number Portability



- One PC Can Host Both Add-ons



Common Features

- VoIP: SIP (TCP,UDP), G711u/a, G729ab
- Web configuration & SMS
- CallBack
- Mobility Extension
- Advanced LCR
 - Time profiles
 - Daily/Monthly limits
 - Minute packages





CINTERION
a Gemalto company

Technology partners



AVAYA



BROADSOFT

Compatible